

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicants:** Paul Habermann  
**Serial No.:** 10/076,632  
**Filed:** February 19, 2002  
**For:** USE OF FUSION PROTEINS WHOSE N-TERMINAL PART IS A HIRUDIN DERIVATIVE FOR THE PRODUCTION OF RECOMBINANT PROTEINS VIA SECRETION BY YEASTS

**Examiner:** David J. Steadman  
**Art Unit:** 1656  
**Docket:** 26482 (DEAV2001-0008)

**Confirmation No.** 2603

**Dated:** October 24, 2011

Commissioner for Patents  
United States Patent Office  
P. O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, it is requested that the following references, which are also listed on the attached electronic form PTO/SB/08a, be made of record in the above-identified case.


1. ROMANOS, M.A. et al., "Foreign Gene Expression in Yeast: a Review" *Yeast* (1992) pp. 423-488, Vol. 8;
2. BIEHMANS, R. et al., "The Large Surface Protein of Hepatitis B Virus is Retained in the Yeast Endoplasmic Reticulum and Provokes its Unique Enlargement" *DNA and Cell Biology* (1991) pp. 191-200, Vol. 10, no. 3;

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**CERTIFICATE OF ELECTRONIC FILING**

I hereby certify that this correspondence is being deposited with the United States Patent & Trademark Office via Electronic Filing through the United States Patent and Trademark Office e-business website, on the below date.

Dated: October 24, 2011

  
Xiaochun Zhu

3. AGAPHONOV, M.O. et al., "Aggregation and Retention of Human Urokinase Type Plasminogen Activator in the Yeast Endoplasmic Reticulum" *BMC Molecular Biology* (2002) pp. 1-8, Vol. 3;
4. SUH, J.K. et al., "Yeast Flavin-Containing Monooxygenase is Induced by the Unfolded Protein Response" *PNAS* (4 January 2000) pp. 121-126, Vol. 97, no. 1;
5. KIM, M.D. et al., "Coexpression of BiP Increased Antithrombotic Hirudin Production in Recombinant *Saccharomyces Cerevisiae*" *Journal of Biotechnology* (2003) pp. 81-87, Vol. 101;
6. KJELDSEN, T., "Yeast Secretory Expression of Insulin Precursors" *Applied Microbiol Biotechnol* (2000) pp. 277-286, Vol. 54; and
7. KJELDSEN, T. et al., "Engineering-Enhanced Protein Secretory Expression in Yeast with Application to Insulin" *The Journal of Biological Chemistry* (2002) pp. 18245-18248, Vol. 277, no. 21.

Applicant is submitting copies of the above-cited references required by 37 C.F.R. 1.98

(a)(2)(i) and (ii).

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. § 1.97(b), no statement or fee is required.

Respectfully submitted,



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